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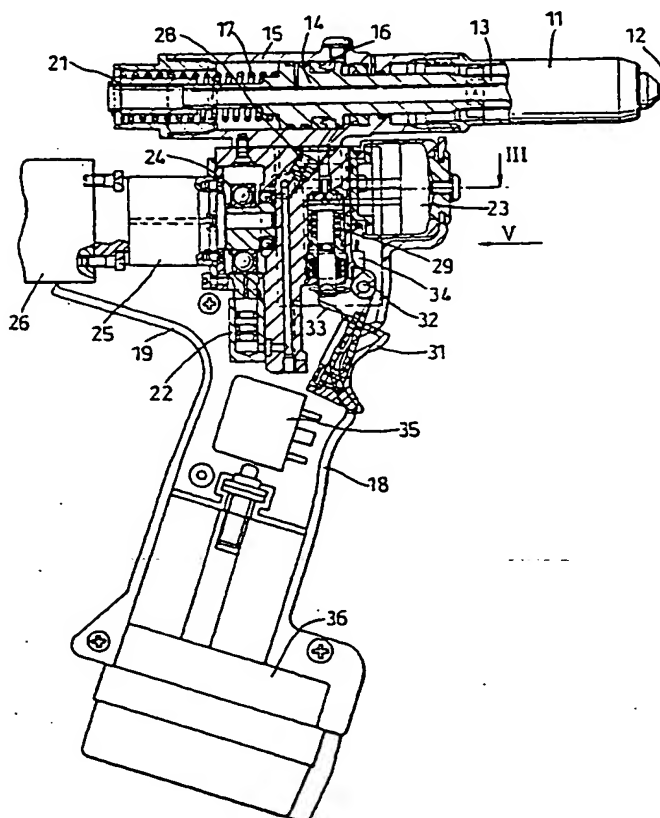
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(54) Title: **RIVETING APPARATUS**



(57) Abstract: A hand-held riveting tool is driven by a battery-powered electric motor (26), and comprises a hydraulically-actuated riveting head (11), and a reciprocating hydraulic pump (22) driven by the electric motor. The tool includes a reservoir (23) for hydraulic fluid, the hydraulic supply line from the pump to the riveting head (11) being connected to the reservoir (23) by a reservoir inlet valve (29) which is normally open to allow hydraulic fluid to flow from the supply line into the reservoir (23). Operation of the tool-actuating trigger (31) firstly closes the reservoir inlet valve (29), and then switches on the electric motor (26) to operate the pump (22). Release of the tool-actuating trigger (31) firstly switches off the electric motor (26) to stop operation of the pump (22), and then opens the reservoir inlet valve (29). When the reservoir inlet valve (29) is closed by operation of the trigger (31), it acts as a pressure-relief valve to relieve over-pressure of hydraulic fluid.

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